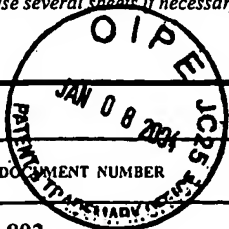


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

NEC OSP-9770 DIV II

Application Number

10/648,995

Applicant(s)

TAKANO et al.

Filing Date

August 27, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
he		6,545,892	4.8.03	TAKANO et al.	365	51	
		5,138,194	8.11.92	YOELI	307	443	
		5,386,153	1.31.95	VOSS et al.	326	34	
60		5,187,388	2.16.93	MOY	307	448	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
he		09-200036	7.31.97	JAPAN (w/abstract)	H03K	19/08		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

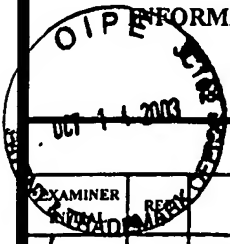
h o w

ck

DATE CONSIDERED

5/20/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<div style="text-align: center;">  INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div>	Docket Number (Optional) NEC OSP-9770 DIV II	Application Number 10/648,995
	Applicant(s) TAKANO et al.	
	Filing Date August 27, 2003	Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
he		6,078,195	6.20.00	CHEN	326	121	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
u	09-200036	7.31.97	JAPAN (w/abstract)	H03K	19/08		✓
/	02-082716	3.23.90	JAPAN (w/abstract)	H03K	19/0185		✓
/	11-017522	1.22.99	JAPAN (w/abstract)	H03K	19/0944		✓
he	WO 01/67609	9.13.01	PCT	H03K	19/00		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER Don UE	DATE CONSIDERED 5/29/04
---------------------------	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

NEC OSP-9770 DIV II

Application Number

10/648,995

Applicant(s)

TAKANO et al.

Filing Date

August 27, 2003

Group Art Unit

2819

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
W		02-122726	5.10.90	JAPAN (w/abstract)	H03K	19/0948		
		10-303370	11.13.98	JAPAN (w/abstract)	H01L	27/04		
		06-208790	7.26.94	JAPAN (w/abstract)	G11C	11/407		
		10-125878	5.15.98	JAPAN (w/abstract)	H01L	27/118		
W		05-108194	4.30.93	JAPAN (w/abstract)	G06F	1/04		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

JOHN W

DATE CONSIDERED


5/20/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

10/648,995

2819



PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
ce		11-017132	1.22.99	JAPAN (w/abstract)	H01L	27/10		
		11-136121	5.21.99	JAPAN (w/abstract)	H03K	19/0948		
		08-018020	1.19.96	JAPAN (w/abstract)	H01L	27/118		
		06-013574	1.21.94	JAPAN (w/abstract)	H01L	27/108		
ce		11-317505	11.16.99	JAPAN (w/abstract)	H01L	27/108		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
DOW W		6/1/04	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DocKey Number (Optional) NEC OSP-9770 DIV II	Application Number 10/648,995
Applicant(s) TAKANO et al.	
Filing Date August 27, 2003	Group Art Unit 2819

[illegible]

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
we	11-340438	12.10.99	JAPAN (w/abstract)	H01L	27/108		

REFERENCES		(Indicate Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Don W	DATE CONSIDERED	6/1/84
----------	-------	-----------------	--------

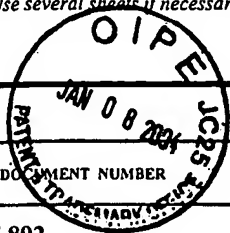
Form PTO-A820
(also form PTO-1449)

PO8A/REV04

Patent and Trademark Office • U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

NEC OSP-9770 DIV II

Application Number

10/648,995

Applicant(s)

TAKANO et al.

Filing Date

August 27, 2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
he		6,545,892	4.8.03	TAKANO et al.	365	51	
		5,138,194	8.11.92	YOELI	307	443	
		5,386,153	1.31.95	VOSS et al.	326	34	
he		5,187,388	2.16.93	MOY	307	448	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
he		09-200036	7.31.97	JAPAN (w/abstract)	H03K	19/08		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Don [signature]

DATE CONSIDERED

5/20/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.